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General Counsel & V.P. of I.P.

FAX NUMBER: (703) 872-9306**DATE: MAY 16, 2005****COMPANY: U.S. PATENT AND TRADEMARK
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**RE: RESPONSE - U.S. APPLICATION SERIAL
NO. 09/848,868****SENDER'S FAX NUMBER:**

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PTO/SB/21 (05-03)

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**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

		Application Number	09/848,866
		Filing Date	May 4, 2001
		First Named Inventor	Duncan McRee et al.
		Art Unit	1631
		Examiner Name	Michael L. Borin
Total Number of Pages in This Submission	17	Attorney Docket Number	SYRTECH-5001-U

ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment / Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input type="checkbox"/> Other Enclosure(s) (please identify below):
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<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

Remarks

Although Applicants do not believe any fees are required, the Commissioner is authorized to charge any fees required by the filing of these papers to Takeda San Diego's Deposit Account No. 50-2256.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Takeda San Diego, Inc. David J. Weltz
Signature	
Date	May 16, 2005

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted (703) 872-9306 to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Type or printed	David J. Weltz	Date	May 16, 2005
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U.S. Application Serial No. 09/848,866
Amendment dated May 16, 2005
in response to Office Action mailed April 19, 2005

Docket No. SYRTECH 5001-U

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)	
Duncan McRee et al.)	Group Art Unit: 1631
Application No.: 09/848,866)	Examiner: Borin, Michael L.
Filed: May 4, 2001)	
Title: DETERMINING STRUCTURES BY)	
PERFORMING COMPARISONS)	
BETWEEN MOLECULAR)	
REPLACEMENT RESULTS FOR)	
MULTIPLE DIFFERENT)	
<u>BIOMOLECULES</u>)	

RESPONSE TO FINAL OFFICE ACTION

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to Examiner's Final Office Action dated April 19, 2005, Applicants respectfully request reconsideration of the above-referenced application in view of the following remarks.

AMENDED SECTIONS

X Claims appear at pages 2-12

REMARKS/ARGUMENTS

X Remarks / Arguments appear at pages 13-16